

Unimodal Systems

*SkyTran*

Personal Rapid Transit



One-Cycle Control, Inc.

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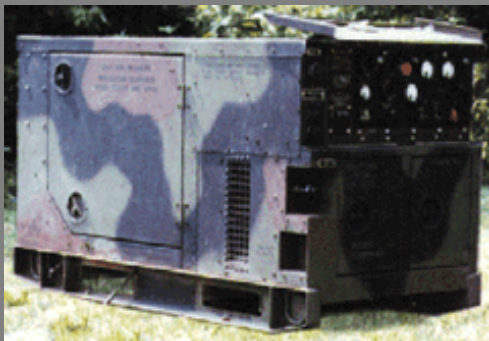
***SkyTran California Strategic Partner***

# One-Cycle Control

*The Art of Power Processing*

## OCC-Enabled Power Conversion

## Government Contracts



Mobile Electric Power



Power Quality



Solar Inverter



Grid Support



# SkyTran PRT Advances CEC Goals

## *OCC-enabled SkyTran PRT...*

- Grid-Connected Personal EV
  - ✓ unlimited range
- Energy efficient
  - ✓ no battery on board
  - ✓ no charging
- HVDC backbone
  - ✓ leverages energy storage
  - ✓ facilitates renewables
- AB-32 => 1990 GHG by 2020
  - ✓ high rider throughput with low GHG

# The Big Picture

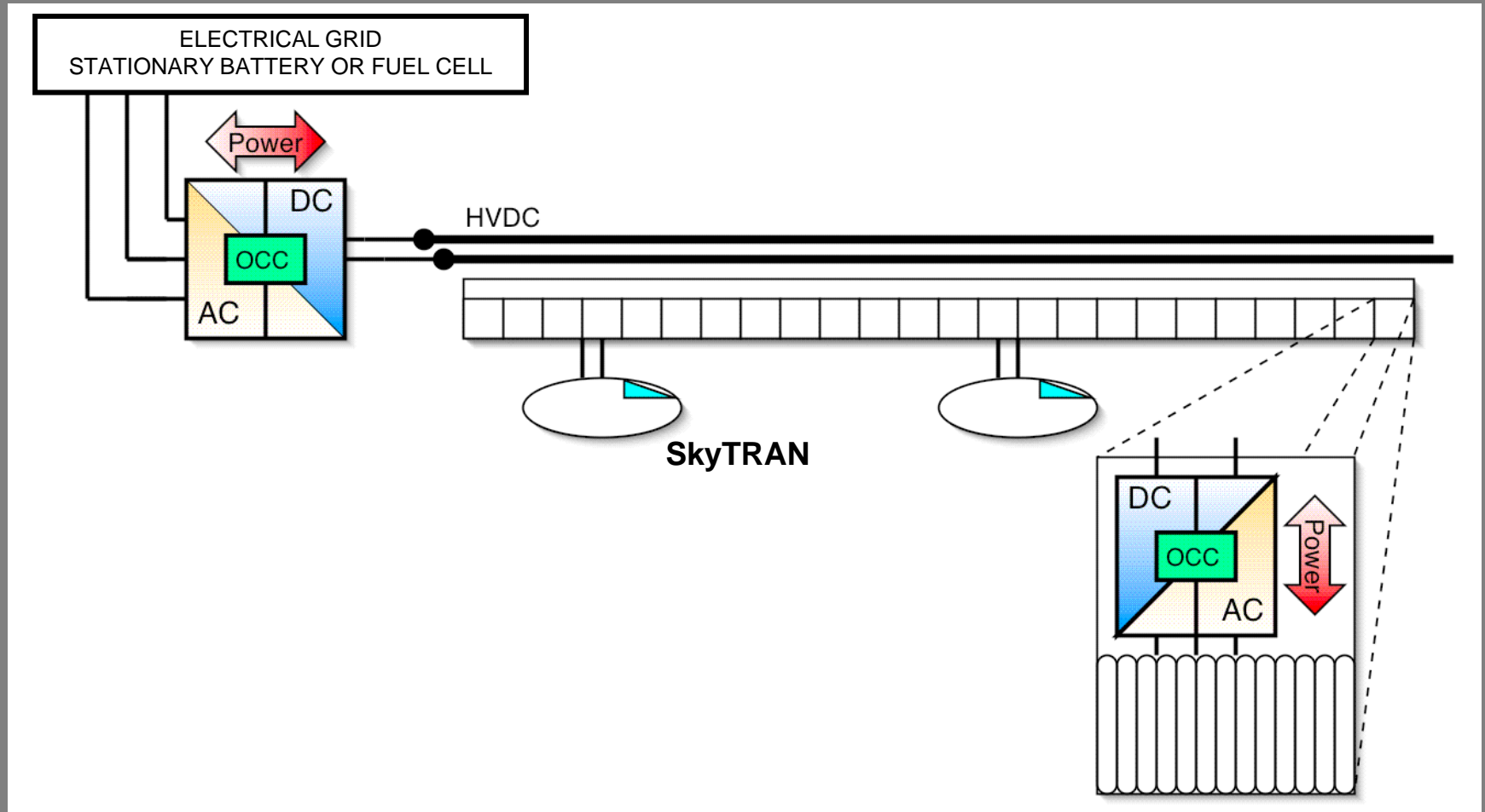
## GHG, Energy, & Congestion



2% VMT Growth by 2020

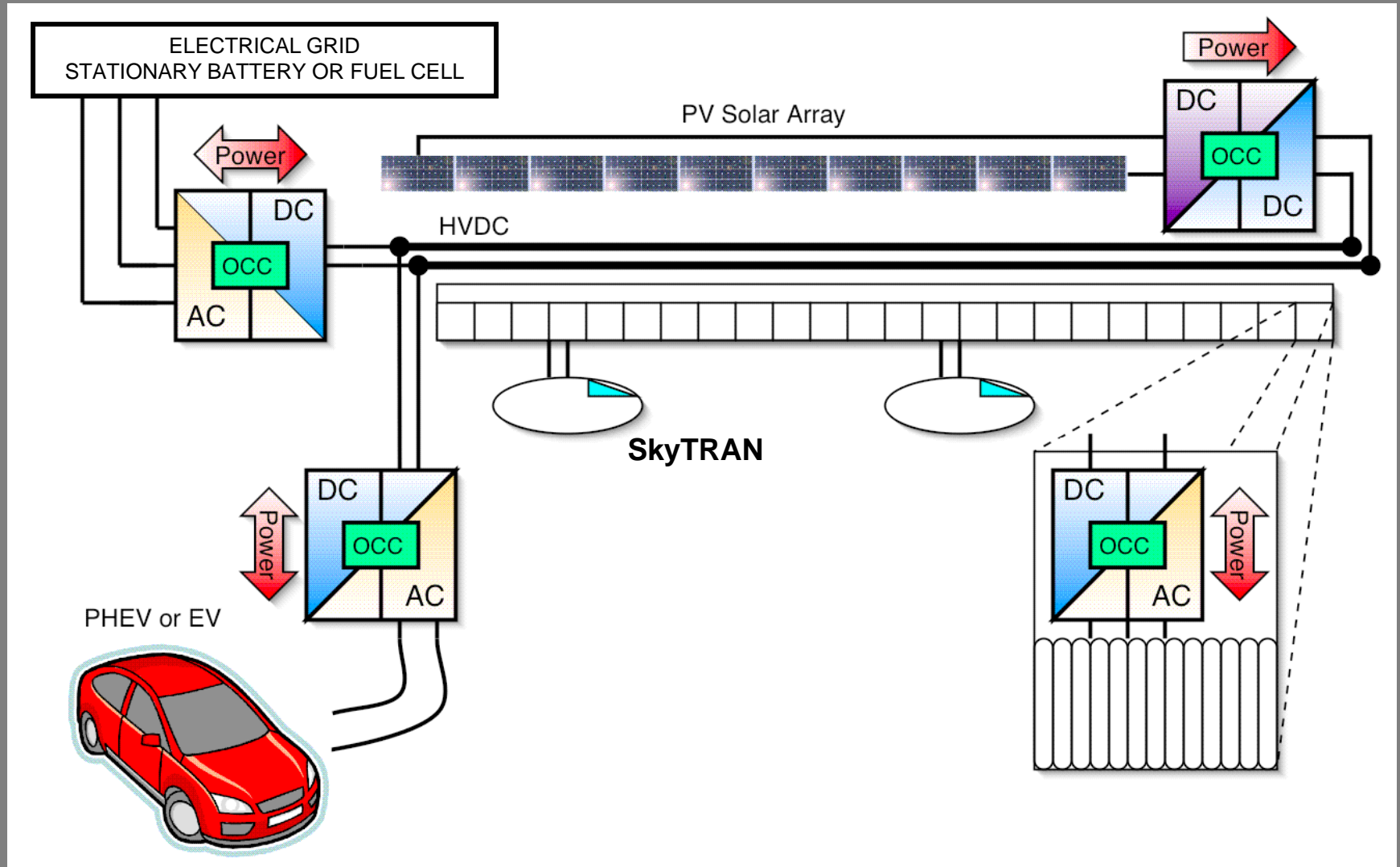
# OCC Bidirectional Conversion

## SkyTran is Energy Efficient

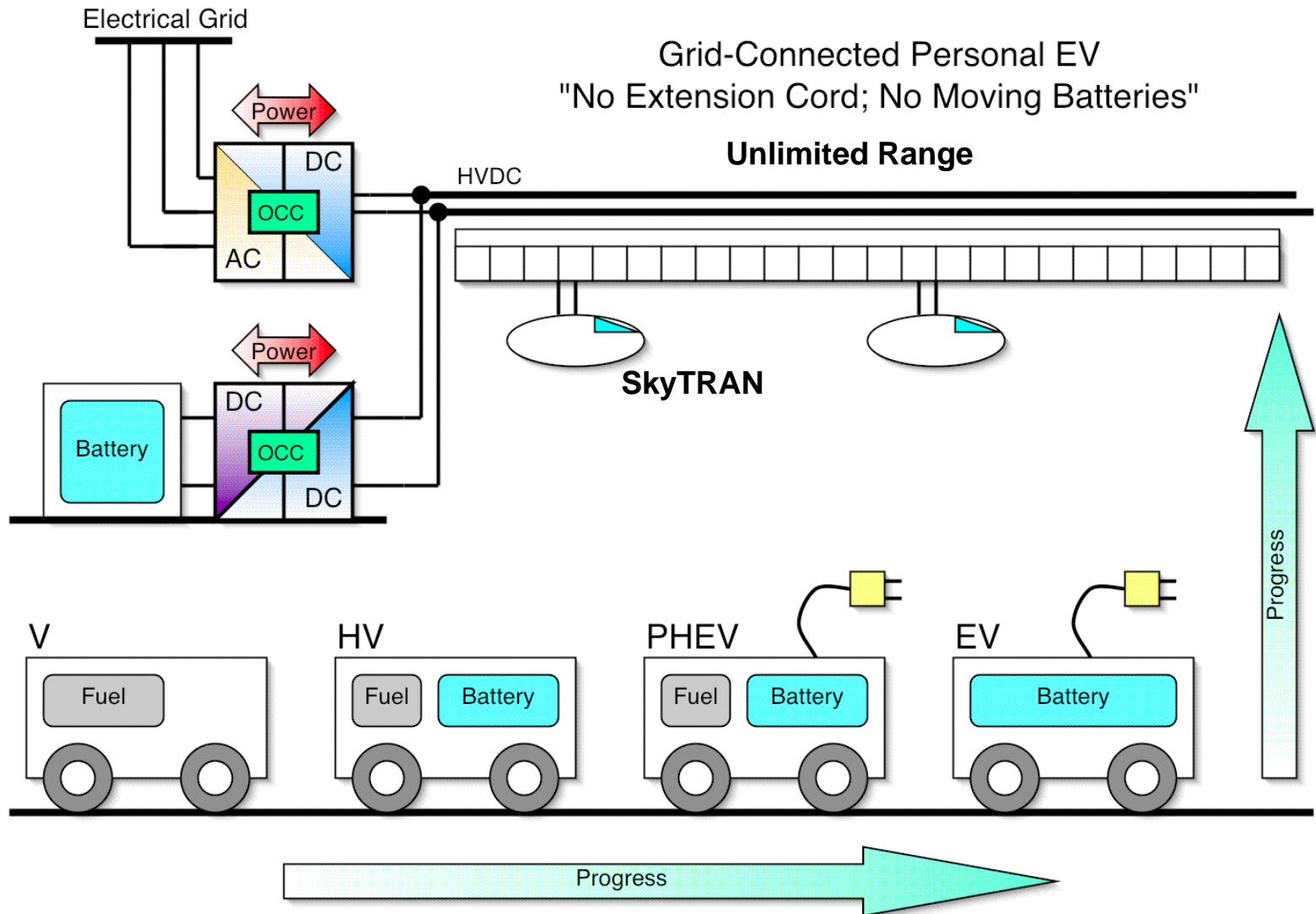


# OCC Bidirectional Conversion

## Renewable + PHEV or EV Charging + VTG



# Vehicle Evolution





# OCC Technology used in SkyTran

## Successful Power Electronics Demonstration





# **SkyTran™ PRT Strategic Partner**



**Thank You.**

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